

ABSTRACT OF THE DISCLOSURE

A compound for supplementing the concentration of a parent androgen in a subject *in vivo*, wherein the parent androgen has a skeletal structure including a 17 position and the parent androgen further has a 17 β -hydroxy group comprising a 17 β -hydroxy hydrogen appended to the 17 position. The compound comprises a substrate having the skeletal structure of the parent androgen including a 17 position corresponding to the 17 position of the parent androgen, and a promoiety comprising an alkoxymethyl ether appended to the 17 position of the substrate as a substitute for the 17 β -hydroxy hydrogen. Related compounds and methods also are disclosed.